|                |              |              |           |           |              |           |           |                          |           |          | Examiner No. |           |           |              |          |          | 110       | 1004         |              |                     |           | Applicant(s)  Art Unit                           |          |          |            |          | <u>-</u> _   |              |           |           |           |          |           |           |  |
|----------------|--------------|--------------|-----------|-----------|--------------|-----------|-----------|--------------------------|-----------|----------|--------------|-----------|-----------|--------------|----------|----------|-----------|--------------|--------------|---------------------|-----------|--|----------|----------|------------|----------|--------------|--------------|-----------|-----------|-----------|----------|-----------|-----------|--|
|                |              |              |           |           |              |           |           |                          |           |          |              |           |           |              |          |          |           |              | :            | <u> </u>            |           |  |          |          |            |          |              | <u> </u>     | <u> </u>  |           |           |          |           |           |  |
| \<br>=         |              | /            | Rejected  |           |              |           | -         | (Through numer Cancelled |           |          |              | era       | ai)       |              |          | V        | Non-Elect |              | ed           |                     | A         |  | Appeal   |          |            |          |              |              |           |           |           |          |           |           |  |
|                | = Allov      |              | we        | đ         |              |           | +         |                          |           | R        | est          | rict      | ed        |              |          |          |           |              | Int          | erfe                | ren       | Ç8   |          | 0        |            | 01       | oje          | cte          | d         |           |           |          |           |           |  |
| Clain          | ıŢ           |              |           |           | Ç            | ale       | 9         | _                        |           |          |              | C         | ain       |              |          | _        |           | Da           | ile          |                     |           |  | l [      | CI       | aim        | Т        |              |              | _         | Date      |           |          |           | _         |  |
| Final          | Sugno        | 8/12/03      |           |           |              |           |           |                          |           |          |              | Final     | 100000    | Buildi       |          |          |           |              |              |                     |           |  |          | Final    | Original   |          |              |              |           |           |           |          |           |           |  |
|                |              | 7            | -         | 4         | -            | $\dashv$  | $\dashv$  | Н                        |           | $\dashv$ | }            |           | ┺.        | 1            | +        | $\dashv$ | +         | +            | $\downarrow$ | 1                   | $\bot$    | $\perp$  |          | _        | Ö<br>101   |          | _            | $\downarrow$ | _         | $\dashv$  | _         | _        | _         | _         |  |
|                |              | 7            |           | $\exists$ |              |           |           |                          | 7         |          |              |           | 90000     | 2            | 1        | #        | 1         | #            | $\pm$        |                     | $\pm$     |  | E        |          | 102        |          | _            | $\exists$    | _         | $\dashv$  | +         | $\dashv$ | +         | $\dashv$  |  |
| _   ;          |              | $\dagger$    | $\dashv$  | $\dashv$  | +            |           | $\dashv$  | -                        | $\dashv$  | $\dashv$ | ŀ            |           | 븀         | 4            | +        | +        | +         | +            | ╁            | +-                  | ╀         | +  | -        |          | 103        | H        | $\dashv$     | $\dashv$     | $\exists$ | 4         | 4         | $\dashv$ |           | 7         |  |
|                |              | 1            |           |           | 4            | $\exists$ | $\exists$ |                          | $\exists$ |          | ļ            | _         | 5         | 5            | 1        | #        | #         | $^{\dagger}$ | 1            | t                   | 1         | $\Box$   |          |          | 105        |          | $\exists$    | _            | -         |           | +         | +        | +         | $\dashv$  |  |
| - 1 9          |              | +            | +         | ┪         | $\dashv$     | $\dashv$  | $\dashv$  | ┥                        | +         | -        | ┢            |           | 5         | 5            | +        | +        | +         | +-           | +            | +                   | +-        | +  | <u> </u> |          | 106<br>107 |          | 4            | 4            | _         | $\neg$    | $\exists$ | $\dashv$ | 4         | $\exists$ |  |
|                |              | 1            | $\dashv$  | $\Box$    | 4            | $\Box$    | $\exists$ | $\Box$                   | コ         |          |              | _         | 5         |              | 1        | 1        | 1         | 1            | $\pm$        | $^{\perp}$          |           |  | Ė        |          | 108        |          | $\exists$    |              | $\exists$ | _         | $\dashv$  | +        | $\dashv$  | $\dashv$  |  |
| 1              |              | +            | +         | $\dashv$  | +            | $\dashv$  |           | +                        | +         | $\dashv$ | }            |           | 5         | 27           | ╀        | +        | +         | +            | ╀            | +                   | +-        | <del>                                     </del> |          |          | 109<br>110 | П        | $\downarrow$ | $\exists$    | $\exists$ |           |           | $\Box$   | $\exists$ |           |  |
| 1              | <b>6</b> 1   | Í            | Ϊ         | コ         |              |           | أ         |                          |           | Ĺ        | Ĺ            | ·         | 16        | ïſ           | İ        | İ        | İ         | $\pm$        | 士            |                     | $\perp$   | $\Box$   | H        | -        | 111        | $\vdash$ | $\dashv$     | $\dashv$     | +         | $\dashv$  | +         | +        | +         | -         |  |
| 1              | 2   3        | +            | +         | $\dashv$  | 4            | $\dashv$  | 4         | -                        | $\dashv$  | -        | F            |           | 6         | }            | 1        | 1        | Ţ         | $\bot$       | F            | Ţ                   | F         | П  | F        |          | 112        |          | 1            | $\perp$      | 1         | 7         | $\exists$ | 寸        | $\top$    |           |  |
|                | 4            |              | 1         |           |              | 士         | 士         | $\exists$                |           | _        |              |           | 6         | П            | ╁        | +        | 十         | +-           | +-           | +-                  | ╁         | H  | -        |          | 113<br>114 | $\vdash$ | +            | +            | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$ | +         | $\dashv$  |  |
| 1              | 5            | +            | +         | +         | 4            | -         | 4         | 4                        | $\perp$   | 7        | F            | _         | 6         | 5            | Ţ        | Ţ        | Ţ         | Ţ            | -            | Ţ                   |           | $\Box$   |          |          | 115        | $\Box$   |              |              |           | $\exists$ | $\perp$   | 士        | 士         | _         |  |
| 11             | 7 ]-         | 1            | $\pm$     | 1         | $\pm$        | _         | $\forall$ | +                        | +         | $\dashv$ | H            | -         | 67        | $\vdash$     | ╁        | +        | ╁         | +            | ╁            | +-                  | ┼╌        | $\vdash$   | -        |          | 116<br>117 | -        | +            | +            | +         | +         | +         | $\dashv$ | +         | 4         |  |
| 1              | B   ·        | ╀            | 4         | $\perp$   | 4            | -         | 4         | -                        | 4         | 7        | F            |           | 68        | П            | Ţ        | Ţ        | Ţ         | 1            | I            |                     |           | 口  |          |          | 118        |          | ユ            | $\downarrow$ |           | ⇉         | $\exists$ | 士        |           |           |  |
| 2              | 5            | $\dagger$    | 1         | $\top$    | $\forall$    | +         | $\dashv$  | +                        | 十         | ┨        | $\vdash$     | -         | 69        | +            | ╁        | ╁        | +         | ╁            | ╁            | ╁                   | -         | H  | -        | $\dashv$ | 119<br>120 | $\dashv$ | +            | +            | +         | +         | +         | +        | +         | -         |  |
| 2              | 1            | 1            | 7         | 7         | 7            | 7         | 7         | 7                        | 1         | ]        |              |           | 70        | 工            | 1        | 1        | 1         |              |              | L                   |           | 口  |          |          | 121        |          | $\pm$        | 1            | $\pm$     | 1         | _         | $\pm$    | 1         | 1         |  |
| 2              | 3   -        | ╁            | ╁         | +         | +            | +         | $\dashv$  | ╁                        |           | ┨        | $\vdash$     | $\dashv$  | 72<br>73  | +            | ╀        | ╀        | ╁         | +            | ╁            | +-                  | -         | H  | -        |          | 122<br>123 | $\dashv$ | 4            | - -          | +         | +         | 4         | _        | 1         | 7         |  |
| 2              | -            | 1            | #         | #         | $\downarrow$ | 1         | 1         | 1                        | #         | 1        |              |           | 73<br>(74 | 上            | 上        | 土        | 上         | 上            |              |                     |           | Ы  |          |          | 124        | $\dashv$ | +            | +            | +         | +         | +         | +        | +         | -         |  |
| 2              | +            | ╀            | +         | +         | +            | +         | +         | +                        | +         | $\dashv$ | -            | -         | 75<br>76  | +            | ╀        | $\perp$  | 1         | -            | -            | _                   | L.        | $\Box$   | F        |          | 125        | $\dashv$ | 1            | 1            | 1         | 7         | 4         | 1        | 1         | 1         |  |
| 2              |              | 1            | 1         | 1         | 丰            | #         | 丰         | 1                        | 1         | 1        |              |           | 76<br>(77 | 1            | L        |          | 土         | $\perp$      |              |                     |           | $\exists$  | E        | $\Box$   | 126<br>127 | +        | +            | +            | +         | +         | +         | ╁        | +         | $\dashv$  |  |
| 2              | -            | ╀            | ╁         | +         | +            | +         | +         | +                        | +         | 4        | $\vdash$     | $\dashv$  | 78        | +            | ╀        | ╀        | -         | +            | ┞            | -                   | _         |  | L        |          | 128        | $\Box$   | 1            | 7            | 1         | 7         | 7         | 1        | 1         |           |  |
| 30             | )            | T            | 1         | 1         | 土            | $\pm$     | $\pm$     | 士                        |           | _        | $\vdash$     | $\dashv$  | 79<br>(80 |              | +        | ╁╌       | +         | ╁            | ╁╌           | $\vdash$            | ┝         | H  | $\vdash$ | $\dashv$ | 129<br>130 | +        | +            | +            | ╁         | +         | +         | +        | +         | $\dashv$  |  |
| 31             |              | ╀            | 4         | +         | 1            | 4         | 4         | 7                        |           | 7        | F            | - 1       | 81        |              |          | I        | L         | Ţ            |              |                     |           |  |          |          | 131        | ユ        |              |              | 1         | #         |           | $\pm$    | 土         | ]         |  |
| 3              | ;            |              | $\perp$   | +         | +            | +         | +         | +                        | +         | 1        | $\vdash$     | $\dashv$  | 82<br>(83 | +            | +        | +        | ╁         | ╁            | -            | -                   | -         | -  | -        |          | 132<br>133 |          | +            | +            | +         | +         | +         | +        | +         | -         |  |
| 3<br>3         |              | L            | 1         | Ţ         | Ţ            | 7         | Ţ         | 7                        |           | ]        |              | $\exists$ | 84        | 1            |          |          | I         | 1            |              |                     |           |  |          | $\Box$   | 134        | $\Box$   | $\pm$        | 土            | İ         | 1         | 1         | 士        | $\pm$     | 1         |  |
| 3              | <del> </del> | ╁            | +         | ╁         | +            | +         | +         | +                        | +         | ┨        | -            | $\dashv$  | 85<br>86  | ╁            | ┝        | +        | ╀         | +            | -            | -                   | $\vdash$  |  | F        |          | 135<br>136 | 4        | +            | +            |           | 4         | 4         | $\bot$   | 1         | -         |  |
| (36<br>(37     | 2            |              | 1         | 1         | 1            | #         | 1         | 1                        | $\perp$   | 1        |              |           | 87        | T            |          |          |           | L            |              |                     |           |  |          |          | 137        | $\perp$  | +            | +            | ╁         | +         | +         | +        | +         | ┥         |  |
| 38<br>39       |              | ╀╌           | ╁         | ╀         | +            | +         | ╀         | ╬                        | +-        | ┨        | $\vdash$     | -         | 88<br>89  | +            | ┞        | ╀        | ╀         | ╀            | _            | Н                   | Н         | 4  | -        |          | 138        | 4        | Ţ            | Ŧ            | Ţ         | Ţ         | Ţ         | T        | T         | 7.        |  |
| 40             |              |              | 土         | 土         | 土            |           | 土         | 1                        | 士         | 1        |              | $\exists$ | 90        |              |          | t        |           |              | -            |                     |           | $\dashv$   | $\vdash$ |          | 139<br>140 | -        | +            | +            | ╬         | +         | +         | +        | +         | 4         |  |
| 4              | +            | ╀            | +         | +         | +            | +         | +         | 4-                       | +         | -        | L            |           | 91        | $oxed{\bot}$ | L        | L        |           | L            |              |                     |           |  |          |          | 141        |          |              |              | 1         |           | 1         | 1        |           | ]         |  |
| 42             | 1            | <del> </del> | $\dagger$ | ╁         | +            | +         | $^{+}$    | ╁                        | +         | 1        | $\vdash$     | +         | 92<br>98  | +            | ┝        | ┝        | ┢         | ╁            | -            | Н                   | $\dashv$  | $\dashv$   | $\vdash$ |          | 142        | +        |              | +-           | +         | +         | +         | +        | +         | -         |  |
| 4              |              |              | I         | Ţ         | I            | I         |           | 1                        | 1         | ]        |              |           | 9         |              |          |          |           | 匚            |              |                     |           | ]  |          |          | 144        |          | 士            | _            | $\pm$     | +         | +         | $\pm$    | +         | 1         |  |
| 45             | +-           | $\vdash$     | ╁         | +         | +            | ╁         | +         | +                        | +         | d        | $\vdash$     | $\dashv$  | 95<br>95  | $\vdash$     | $\vdash$ | -        | -         | -            |              | $\vdash \downarrow$ | $\dashv$  | _  | F        |          | 145<br>146 | Ŧ        | Ŧ            | Ŧ            | T         | Ŧ         | 1         | Ŧ        | Ţ         | 1         |  |
| 47             |              |              | 1         | 1         | 土            | 士         | $\pm$     | 1                        |           | 1        |              |           | 97        |              |          |          |           |              |              | $\vdash$            |           | _  | $\vdash$ | T        | 147        | +        | +            | +            | +         | +         | +         | +        | +         | 1         |  |
| 48<br>49<br>50 | +            | H            | ╀         | +-        | -            | +         | +         | 1                        | +         | 1        | -            |           | 98<br>99  | F            |          | F        | F         | F            | П            | $\Box$              | $\exists$ | $\Box$   |          |          | 148        | 1        | 1            | 1            | 1         | #         | 1         | 丰        | #         | 1         |  |
| 40             | +            | -            | †-        | +         | +            | ╁         | +         | +                        | +         | } ,      | $\vdash$     |           | 189       | +            | -        | ╁╌       | ╁         | +-           | $\vdash$     | $\dashv$            | ┥         | $\dashv$   | $\vdash$ |          | 149<br>150 | +        | +            | +            | +         | +         | ╀         | +        | +-        | -         |  |